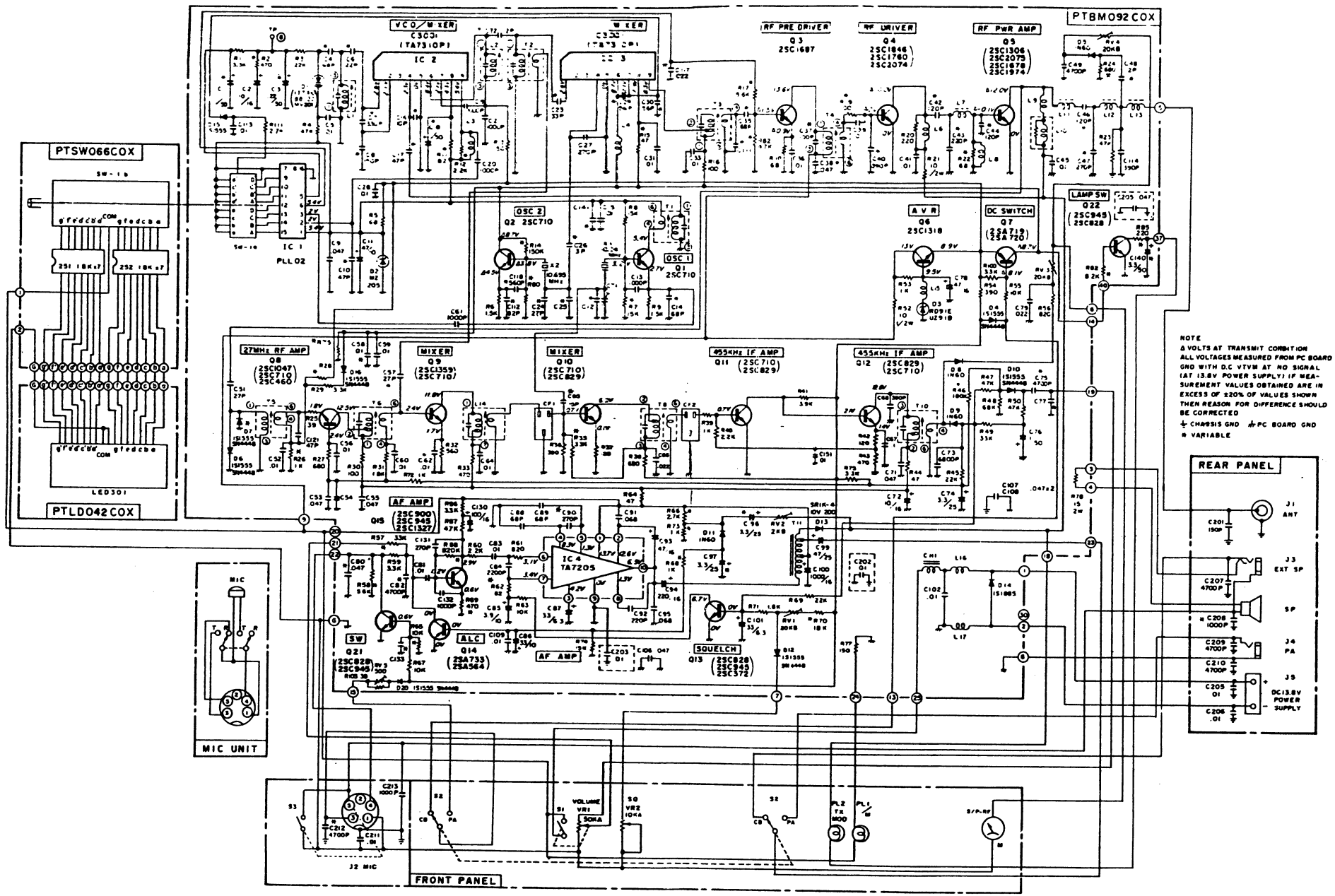
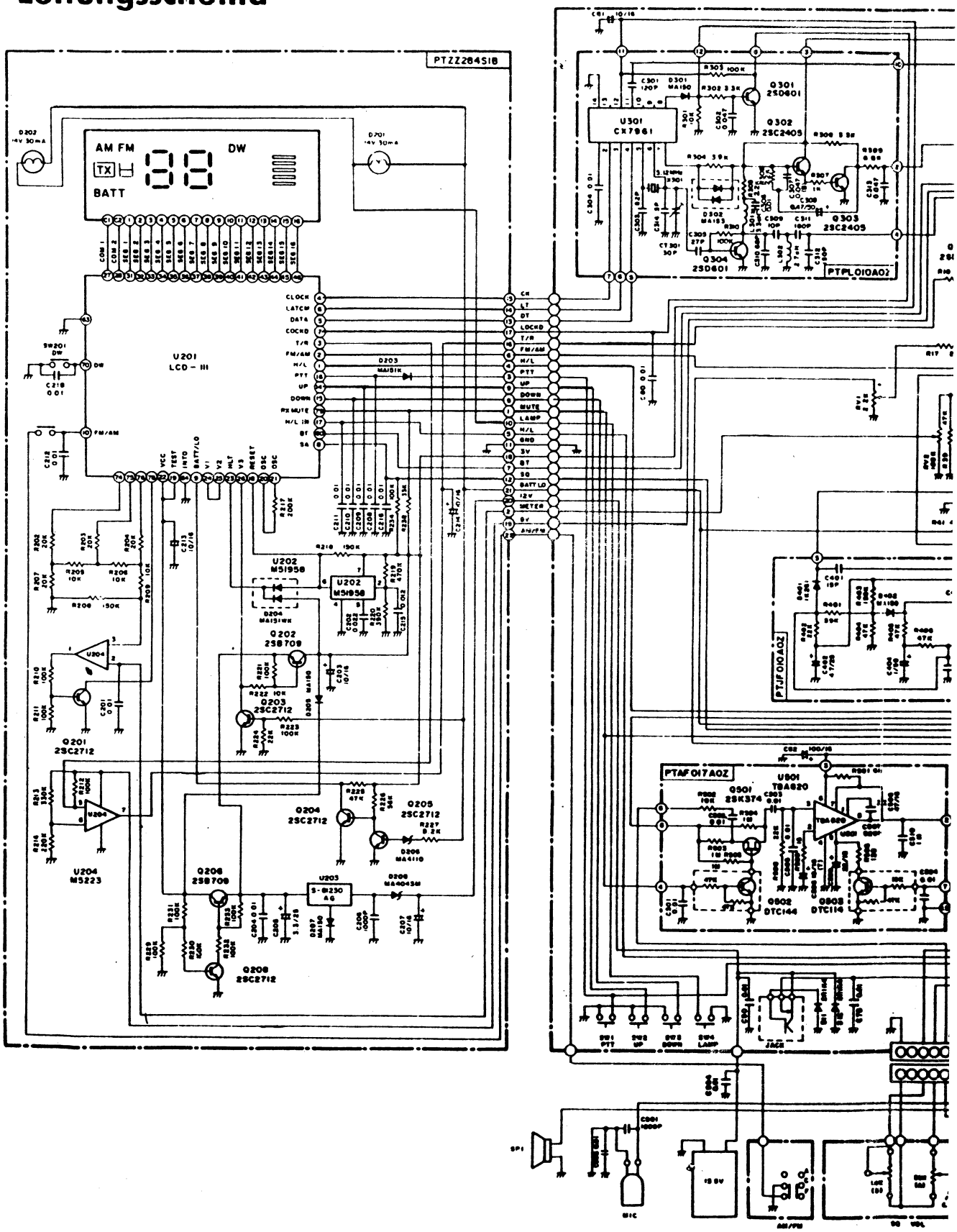
# SZTABO SH 8000

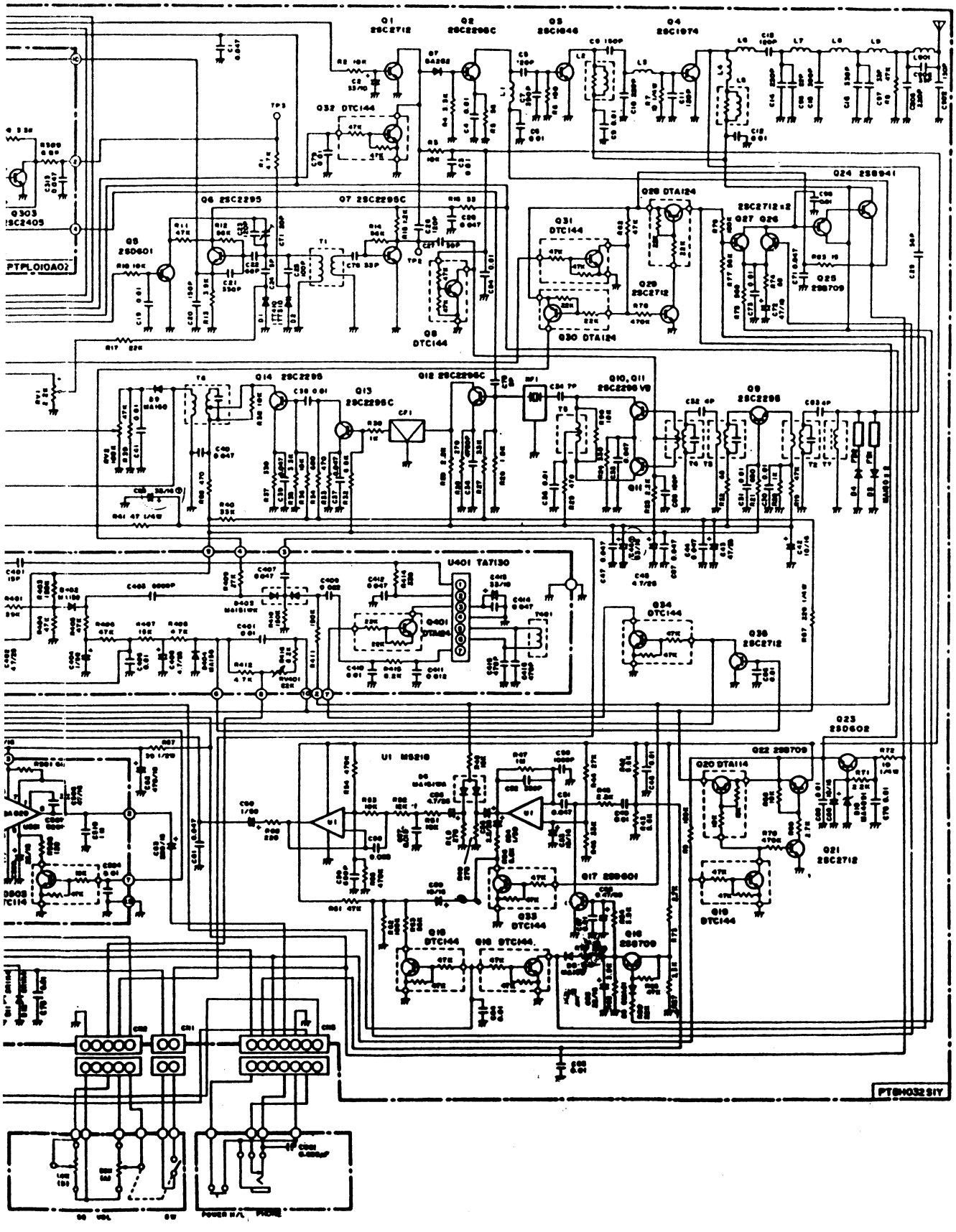
MODEL

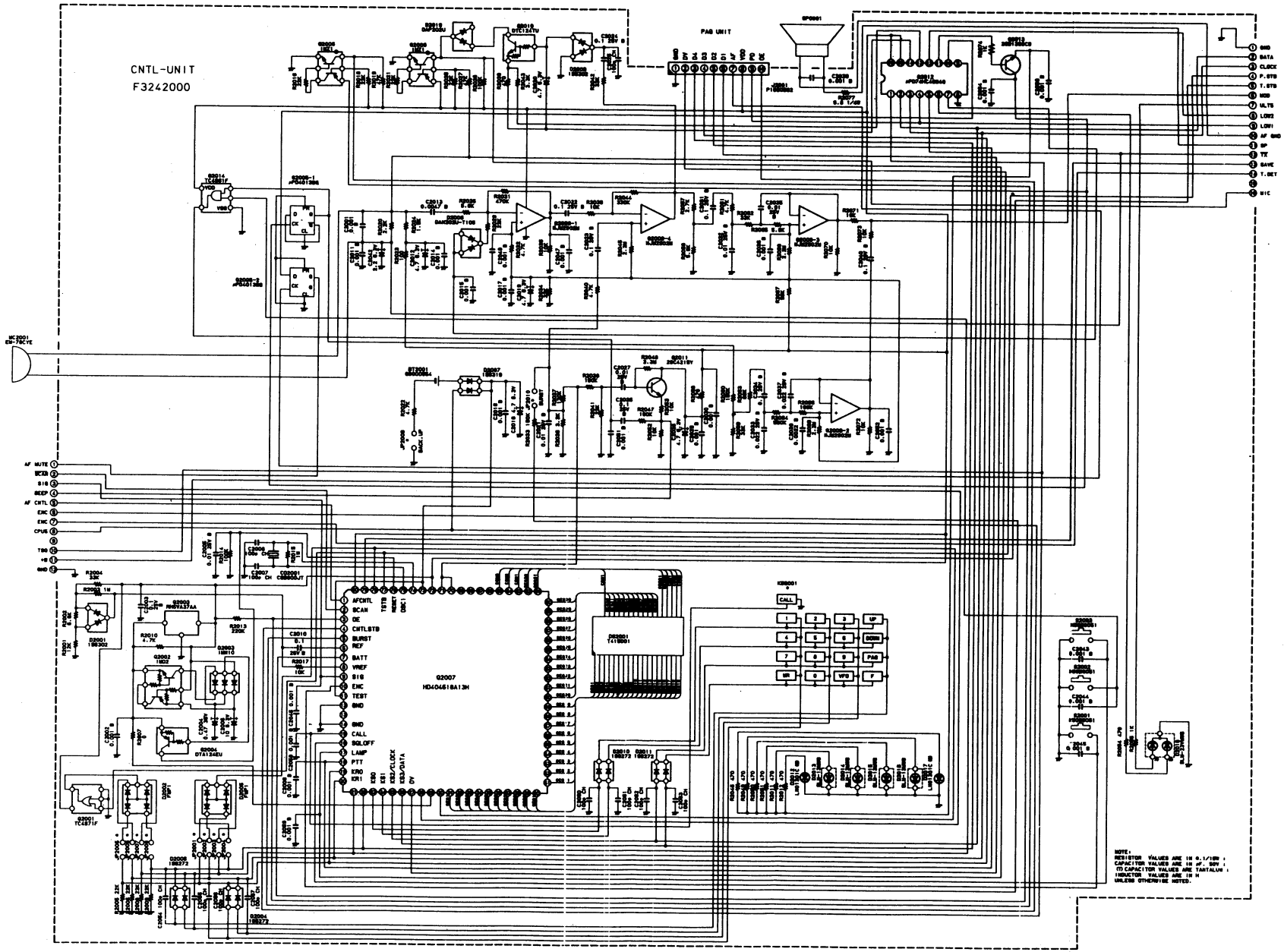
SERVICE MANUAL

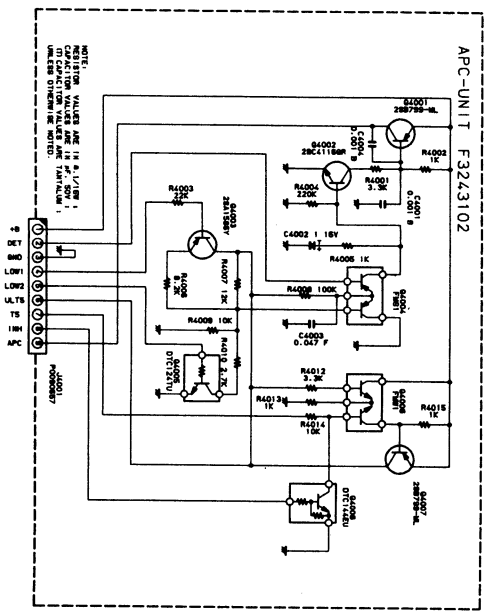

PTBM092COX
PTSW066COX
PTLD042COX
LED301
MIC UNIT
FRONT PANEL
REAR PANEL
J1 ANT
J3 EXT SP
SP
J4 PA
J5 DC13.8V POWER SUPPLY
J2 MIC
PLL02
IC 1
IC 2
IC 3
IC 4 TA7205
VCO/MIXER
RF PRE DRIVER
RF DRIVER
RF PWR AMP
OSC 1
OSC 2
AVR
DC SWITCH
LAMP SW
27MHz RF AMP
MIXER
455KHz IF AMP
AF AMP
ALC
SQUELCH
SW
NOTE
A VOLTS AT TRANSMIT CONDITION
ALL VOLTAGES MEASURED FROM PC BOARD GND WITH D.C VTVM AT NO SIGNAL (AT 13.8V POWER SUPPLY) IF MEASUREMENT VALUES OBTAINED ARE IN EXCESS OF ±20% OF VALUES SHOWN THEN REASON FOR DIFFERENCE SHOULD BE CORRECTED
⏚ CHASSIS GND ⏚ PC BOARD GND
* VARIABLE

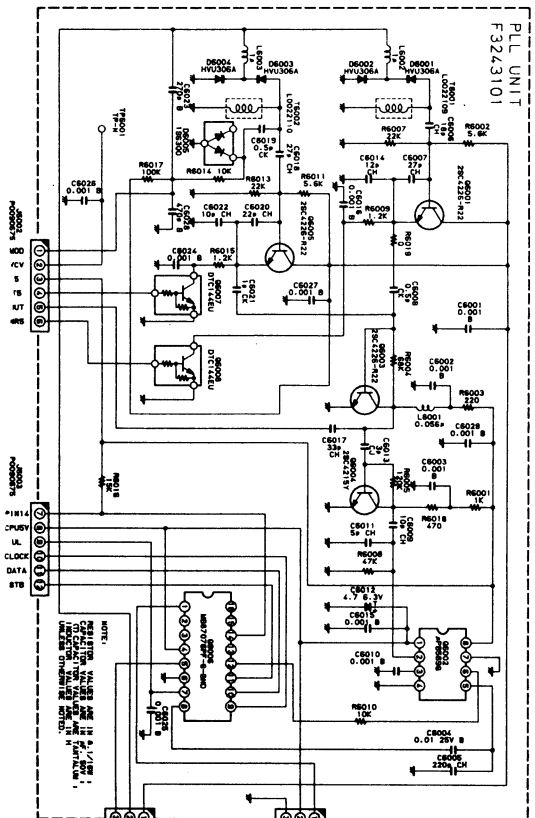
# Leitungsschema

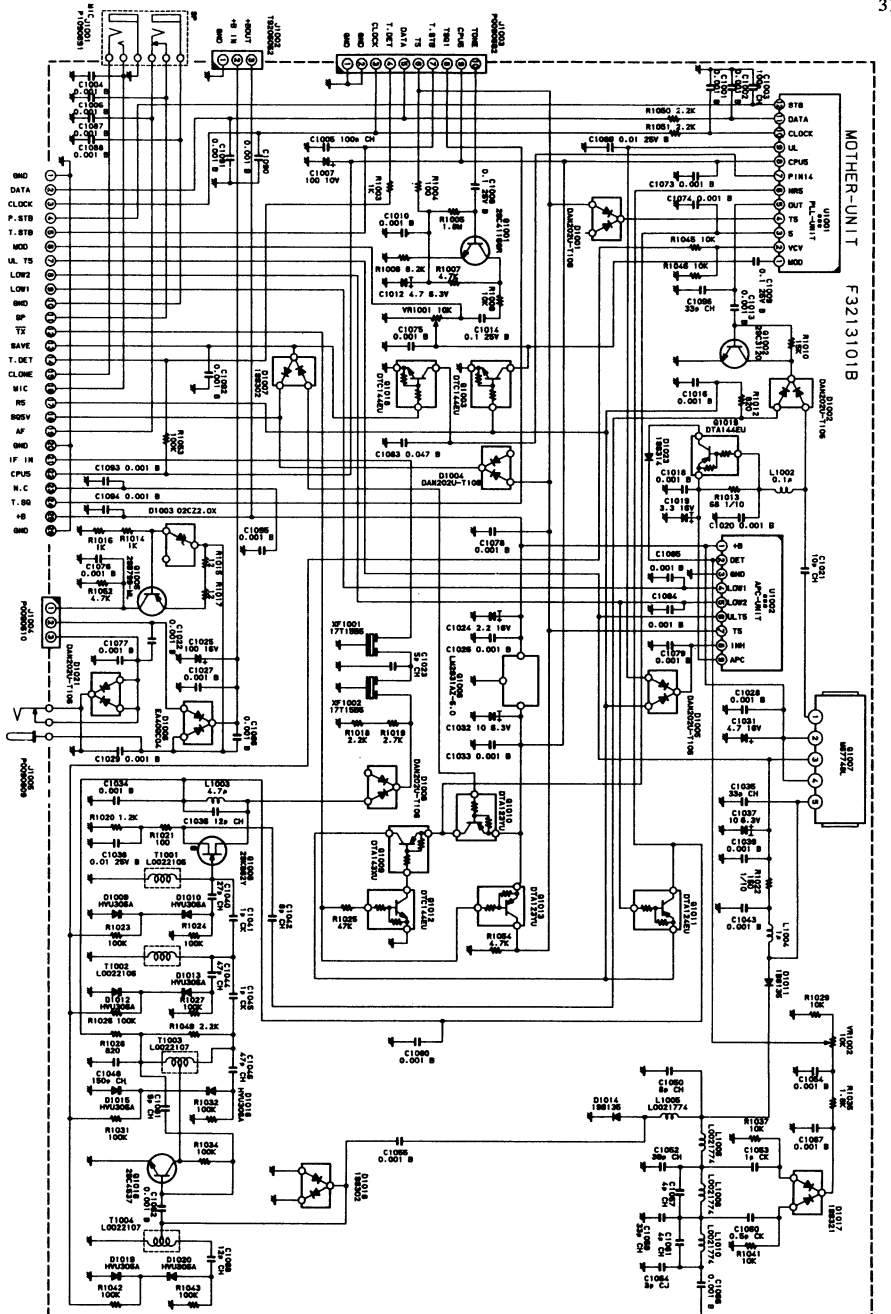


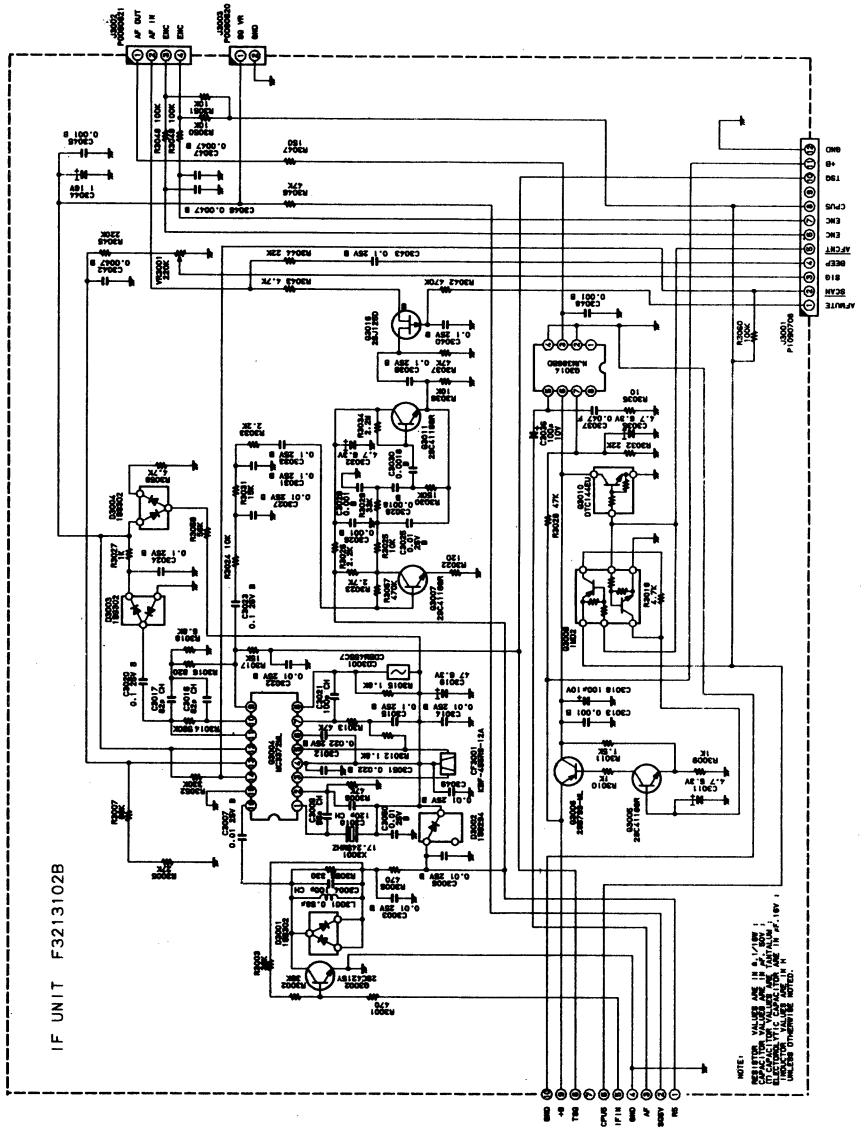

Q1 2SC2712
Q2 2SC2296C
Q3 2SC1846
Q4 2SC1974
Q32 DTC144
Q6 2SC2295
Q7 2SC2296C
Q5 2SD601
Q8 DTC144
Q31 DTC144
Q28 DTA124
Q30 DTA124
Q29 2SC2712
Q24 2SB941
Q25 2SB709
Q14 2SC2295
Q13 2SC2296C
Q12 2SC2296C
Q10, Q11 2SC2296 VG
Q9 2SC2296
U601 TA7130
Q401 DTC144
Q34 DTC144
Q35 2SC2712
U1 M5218
Q23 2SD602
Q22 2SB709
Q20 DTA114
Q21 2SC2712
Q17 2SD601
Q33 DTC144
Q18 DTC144
Q19 DTC144
Q16 2SB709
PTBH032SIY

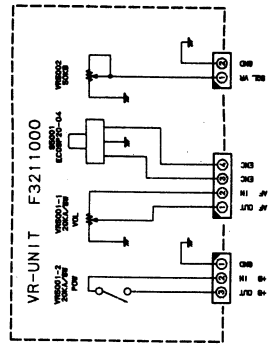

CNTL-UNIT
F3242000
PAD UNIT
MC2001
EC-76CYE
G2007
HD404618A13H
AFCNTL
SCAN
OE
CNTLSTB
BURST
REF
BATT
VREF
SIG
ENC
TEST
GND
GND
CALL
SQLOFF
LAMP
PTT
KR0
KR1
KEY/CLOCK
KEY/DATA
CALL
NOTE:
RESISTOR VALUES ARE IN Ω, 1/10W ;
CAPACITOR VALUES ARE IN μF, 50V ;
(T) CAPACITOR VALUES ARE TANTALUM ;
INDUCTOR VALUES ARE IN H
UNLESS OTHERWISE NOTED.

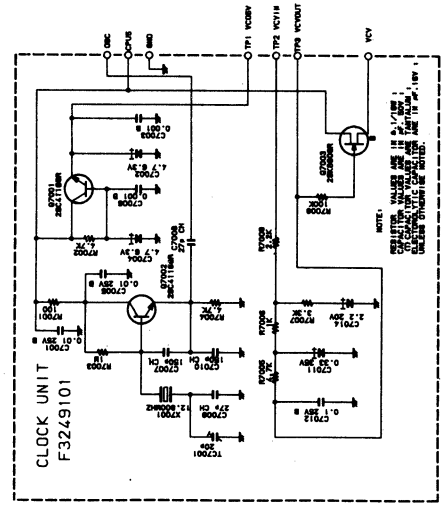

APC-UNIT F3243102

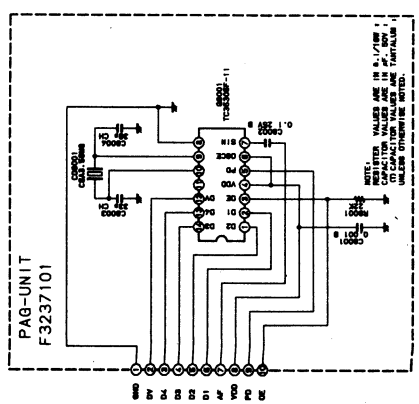

PLL UNIT
F3243101


MOTHER-UNIT F3213101B


IF UNIT F3213102B


VR-UNIT F3211000


CLOCK UNIT
F3249101


PAG-UNIT
F3237101